

Title (en)
HEATER AND CIGARETTE UTENSIL CONTAINING SAME

Title (de)
HEIZVORRICHTUNG UND DIESE ENTHALTENDES ZIGARETTENUTENSIL

Title (fr)
ÉLÉMENT CHAUFFANT ET ACCESSOIRE DE CIGARETTE LE CONTENANT

Publication
EP 4082361 A4 20230621 (EN)

Application
EP 20905047 A 20201223

Priority
• CN 201911336288 A 20191223
• CN 2020138675 W 20201223

Abstract (en)
[origin: EP4082361A1] The present disclosure relates to the field of smoking sets and provides a heater and a cigarette utensil containing same. The heater comprises a base (11) having a surface; and a first electrode film (12), an infrared film (13), and a second electrode film (14) sequentially formed on the surface of the base (11) along the direction perpendicular to the surface of the base (11), wherein the first electrode film (12) and the second electrode film (14) are electrically connected to a power supply. The infrared film (13) is used for generating the heat under the function of the electric power, and transferring the generated heat to an aerosol forming matrix at least in an infrared radiation manner to generate the aerosol for inhaling. By sequentially forming a first electrode film (12), an infrared film (13), and a second electrode film (14) on the surface of the base (11) along the direction perpendicular to the surface of the base (11), the conductive cross-sectional area of the infrared film (13) is increased, the electric heating conversion rate of the infrared film (13) is increased, the pre-heating time of the aerosol forming matrix is shortened, and the user experience is improved.

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CPC (source: EP US)
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Citation (search report)
• [Y] CN 110384264 A 20191029 - SHENZHEN FIRST UNION TECH CO
• [Y] CN 108369041 A 20180803 - UNITED TECHNOLOGIES CORP
• See references of WO 2021129675A1

Designated contracting state (EPC)
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